

Power Cost Memorandum Fuel Cost Update

Date: **April 20, 2023**

Utility Name (Cert. No.) CHITINA ELECTRIC INC (368)	Utility File No. PC26-0422E	Date Filed: April 10, 2023
---	---------------------------------------	--------------------------------------

PCE AMOUNT SUMMARY	Previously Approved PC26-0422D	Staff Recommended Amount(s) and Effective Date PC26-0422E
Class Rate	<u>Date Approved:</u> February 17, 2023	April 21, 2023
Residential	\$0.7640	\$0.7640
Community Facilities 0-8,120 kWh	\$0.7640	\$0.7640
Community Facilities over 8,120 kWh	\$0.7640	\$0.7640
<input type="checkbox"/> Interim <input checked="" type="checkbox"/> Permanent <input type="checkbox"/> Interim <input checked="" type="checkbox"/> Permanent		

Prior Fuel Purchase Price: \$ 4.0770	New Fuel Purchase Price: \$ 4.2270
<input checked="" type="checkbox"/> Actual <input type="checkbox"/> Weighted	<input checked="" type="checkbox"/> Actual <input type="checkbox"/> Weighted
Delivery Charge: _____	Surcharge Change: Previous _____ Updated _____

Signed: Brenda Cox
Brenda Cox

Utility Financial Analyst

Commission decision re. this recommendation :

	Date (if different from 4/20/23)	I CONCUR	I DO NOT CONCUR	I WILL WRITE A DISSENTING STATEMENT *
Kurber		<u>KKT</u>		
Doyle		<u>BD</u>		
Pickett		<u>RMP</u>		
Sullivan		<u>RMP</u> For DS		
Wilson	4/21/23	<u>JWW</u>		

Special Instructions to Staff:

* If this column is initialed, Staff will contact the Commissioner for the statement. Otherwise, dissent will simply be noted at the close of the By Direction Letter or Order.

CHITINA ELECTRIC INC

POWER COST EQUALIZATION CALCULATION
 BASED ON TEST PERIOD ENDING DECEMBER 31, 2021
Fuel Cost Update

	PC26-0422D	PC26-0422E	
	Prior Commission Approval	Utility Request	Staff Recommended
A. Total KWH Generated	431,156	431,156	431,156
B. Total KWH Sold (Appendix 2)	369,631	369,631	369,631
C. Total Non-Fuel Costs (Appendix 2)	245,956	245,956	245,956
D. Non-Fuel Cost/KWH (C / B)	\$0.6654	\$0.6654	\$0.6654
E. Total Fuel Costs (Appendix 2)	154,078	159,747	159,747
F. Fuel Costs/KWH (E / B)	\$0.4168	\$0.4322	\$0.4322
G. Eligible Costs/KWH (D + F)	\$1.0823	\$1.0976	\$1.0976
H. Eligible Cost/KWH (G) less base rate in effect	\$0.8865	\$0.9018	\$0.9018
I. Lesser of (H) or 80.42 cents/kWh	\$0.8042	\$0.8042	\$0.8042
J. Average Class Rates (Appendix 3)			
Residential	\$0.9042	\$0.9042	\$0.9042
Community Facilities First 8,120 kWh	\$0.9042	\$0.9042	\$0.9042
Community Facilities Over 8,120 kWh	\$0.9042	\$0.9042	\$0.9042
	Class Power Cost Equalization Per kWh Payable		
K. Lesser of: (I) x 95%, or (J)			
Residential	\$0.7640	\$0.7640	\$0.7640
Community Facilities First 8,120 kWh	\$0.7640	\$0.7640	\$0.7640
Community Facilities Over 8,120 kWh	\$0.7640	\$0.7640	\$0.7640
L. Funding Level in Effect	100%	100%	100%
Residential	\$0.7640	\$0.7640	\$0.7640
Community Facilities First 8,120 kWh	\$0.7640	\$0.7640	\$0.7640
Community Facilities Over 8,120 kWh	\$0.7640	\$0.7640	\$0.7640

PC26-0422E
Appendix 1

CHITINA ELECTRIC INC

SCHEDULE OF ELIGIBLE POWER COSTS, SALES AND EFFICIENCY
BASED ON TEST PERIOD ENDING DECEMBER 31, 2021

Fuel Cost Update

		PC26-0422D	PC26-0422E	
		Prior Commission Approval	Per Utility	Per Staff
Non-Fuel Costs:				
A.	Personnel Costs	141,357	141,357	141,357
B.	Operating Expenses	62,171	62,171	62,171
C.	General and Administrative	10,763	10,763	10,763
D.	Depreciation	31,665	31,665	31,665
E.	Interest Expense	0	0	0
F.	Reduction to Non-Fuel Costs	0	0	0
G.	Total Non-Fuel Costs	\$ 245,956	\$ 245,956	\$ 245,956
Fuel Costs:				
H.	Gallons Consumed for Electric Generation	37,792	37,792	37,792
I.	Most Recent Purchase	\$4.0770	\$ 4.2270	\$ 4.2270
		\$4.2270 3/8/2023		
J.	Total Fuel Cost	\$ 154,078	\$ 159,747	\$ 159,747
K.	kWh Generated	431,156	431,156	431,156
L.	kWh Sales	369,631	369,631	369,631
M.	kwh Station Service	35,710	35,710	35,710
N.	Efficiency (J /G)	≥	Standard 10.5	11.41
O.	Line Loss	≤	12%	5.99%
(kWh generated - (kWh Sold + Station Service))/kWh generated				

CHITINA ELECTRIC INC.

AVERAGE RATE CALCULATION

Appendix 3

Calculation of Average Class Rate per kWh

Rate Schedule: Residential

(1) kWh by Block	(2) Rate (\$/kWh)	(3) Surcharge If Applicable (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - 0.1958 kWh
750	1.1000	0.0000	1.1000	825.00	1.1000	0.9042
750				825.00	1.1000	0.9042
TOTAL (A)						(E)

Rate Schedule: Community Facilities

(1) kWh by Block	(2) Rate (\$/kWh)	(3) Surcharge If Applicable (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - 0.1958 kWh
6,790	1.1000	0.0000	1.1000	7,469.00	1.1000	0.9042
Over 6,790	1.1000	0.0000	1.1000			0.9042
TOTAL (A)						(E)

Signature: Keith Kurber II
Keith Kurber II (Apr 20, 2023 12:29 AKDT)

Email: keith.kurber@alaska.gov

Signature: Bob Doyle
Bob Doyle (Apr 20, 2023 12:30 AKDT)

Email: bob.doyle@alaska.gov

Signature: Bob Pickett
Bob Pickett (Apr 21, 2023 05:35 AKDT)

Email: bob.pickett@alaska.gov

Signature: Janis W. Wilson
Janis W. Wilson (Apr 21, 2023 07:48 AKDT)

Email: janis.wilson@alaska.gov